ADAPTIVE ADVENTURES

- LEVEL 3 -

ADAPTIVE ADVENTURES

Adaptive Web Design

Break Points

Media Queries

LEVEL 3

WHAT IS ADAPTIVE WEB DESIGN?

Design for controlled adaptation

34 3 14

Michael Spitz

42 6 17

Gerren Lamson

54 3 17

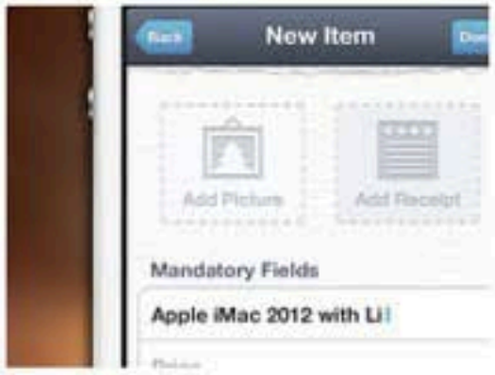
Gerren Lamson

20 0 2

Brian Cook

158 5 42

Mark Weaver

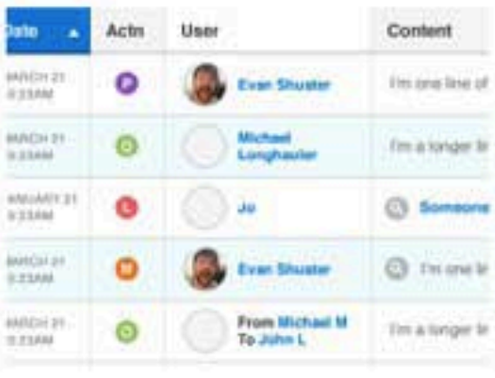


368 7 51

zee7 ✱

420 8 48

71 3 25



492 4 27

Panjiva is hiring
Lead UI/UX Designer

Incoming Activity

- j§c followed you.
  6 minutes ago
- Sindy Sinn followed you.
  about 1 hour ago
- Sindy Sinn liked ZOMBIE School!!
  about 1 hour ago

Draft a Designer
You have 1 invitation available

ADS VIA THE DECK

Atmail Cloud, full messaging solution for your company & clients. Use your domain & branding.

Projects

Doku
3 shots
updated 6 minutes ago

DJ Techno Kid
3 shots
updated 36 minutes ago

Book Covers

DRIBBBLE MOBILE OPTIONS

- *Separate Mobile Site*
- *Adaptive Design*
- *Responsive Design*

JOURNEY INTO MOBILE

LEVEL 3

WHAT IS ADAPTIVE WEB DESIGN?

Designing to meet a specific context

- *Device*
- *Screen Size*
- *Resolution*

LEVEL 3

FOUR DESIGN KEYS

- *Who Is Your User?*
- *How Will They Use The Site?*
- *Context (i.e. what device?)*
- *Content (how will it adapt?)*

important for any design project!

NAUTILUS

BAR & RESTAURANT

JOURNEY INTO MOBILE

LEVEL 3

FOUR DESIGN KEYS

- *User* → *Find the restaurant or learn about it*
- *Use*
- *Context* → *Laptop or mobile phones*
- *Content* → *Location info + menu + about*

DESKTOP

MOBILE

JOURNEY INTO MOBILE

LEVEL 3

JOURNEY
INTO
MOBILE

Carrier 3:21 PM

NAUTILUS
BAR & RESTAURANT

LOCATION
The Main Dining Room
Level Three Deck
20,000 Leagues Under the Sea

MAP IT

1.800.555.NEMO

MENU

BEVERAGES

LEVEL 3

NAUTILUS
BAR & RESTAURANT

LOCATION
The Main Dining Room
Level Three Deck
20,000 Leagues Under the Sea

1.800.555.NEMO

MAP IT

MENU

BEVERAGES

RED WINE

Château Lafite Rothschild
1865, Pauillac

Château Latour
1852, Pauillac

Dow's Port 30yr
1840, Portugal

WHITE WINE

Château d'Yquem
1811, Sauternes

Château Petrus
1840, Pomerol

Weingut Keller
1865, Reisling

CUISINE

FIRST

Preserve of Sea Cucumber
in milk of the Cetacea

SECOND

Braised Octopus
with Port & Ink reduction

THIRD

Filet of Yellowtail
on seaweed slaw

FORTH

Fruit of the Anemone
with North Sea Fucus Sugur

ABOUT

The Nautilus is a masterpiece containing masterpieces. Here are the several dimensions of the boat you are in. It is an elongated cylinder with conical ends. It is very like a cigar in

ADAPTIVE WEB DESIGN

1. Adaptive Markup
2. Break Points
3. Media Queries

LEVEL 3

ADAPTIVE MARKUP

NAUTILUS
BAR & RESTAURANT

header

LOCATION
The Main Dining Room
Under the Sea

1.800.555.NEMO

MAP IT

MENU

BEVERAGES

RED WINE

Château Lafite Rothschild
1865, Pauillac

Château Latour
1852, Pauillac

Dow's Port 30yr
1840, Portugal

WHITE WINE

Château d'Yquem
1811, Sauternes

Château Petrus
1840, Pomerol

Weingut Keller
1865, Reisling

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with North Sea Fucus Sugur

NAUTILUS
BAR & RESTAURANT

The Main Dining Room
Level Three Deck
20,000 Leagues Under the Sea

MAP IT

menu

BEVERAGES

RED WINE

Château Lafite Rothschild
1865, Pauillac

Château Latour
1858, Pauillac

Dow's Port 30yr
1840, Portugal

WHITE WINE

Château d'Yquem
1811, Sauternes

Château Petrus
1840, Pomerol

Weingut Keller
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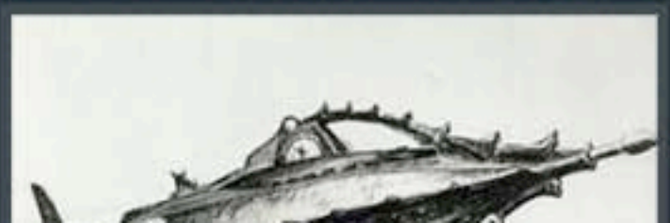

The Nautilus is a masterpiece containing masterpieces. Here are the several dimensions of the boat you are in. It is an elongated cylinder with conical ends. It is very like a cigar in shape, a shape already adopted in London in several constructions of the same sort. The length of this cylinder, from stem to stern, is exactly 70 meters, and its maximum breadth is

RED WINE

Château Lafite Rothschild
1865, Pauillac

Château Latour
1852, Pauillac

Dow's Port 30yr
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WHITE WINE

Château d'Yquem
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ABOUT

The Nautilus is a masterpiece containing masterpieces. Here are the several dimensions of the boat you are in. It is an elongated cylinder with conical ends. It is very like a cigar in shape, a shape already adopted in London in several constructions of the same sort. The length of this cylinder, from stem to stern, is exactly 70 meters; and its maximum breadth is eight mete[illegible] of ten to one like your long-voyage steamers, but its lines are suffici[illegible]rolonged enough, to allow the water to slide off easily, and oppose no obstacle to its passage. These two dimensions enable you to obtain by a simple calculation the surface and cubic contents of the Nautilus. Its area measures 1011.45 square meters; and its contents 1,500.2 cubic meters; that is to say, when completely immersed it displaces 1500.2 cubic meters of water, or 1500.2 metric tons.

about

ADAPTIVE WEB DESIGN

1. Adaptive Markup
2. Break Points
3. Media Queries

LEVEL 3

UNDERSTANDING BREAK POINTS

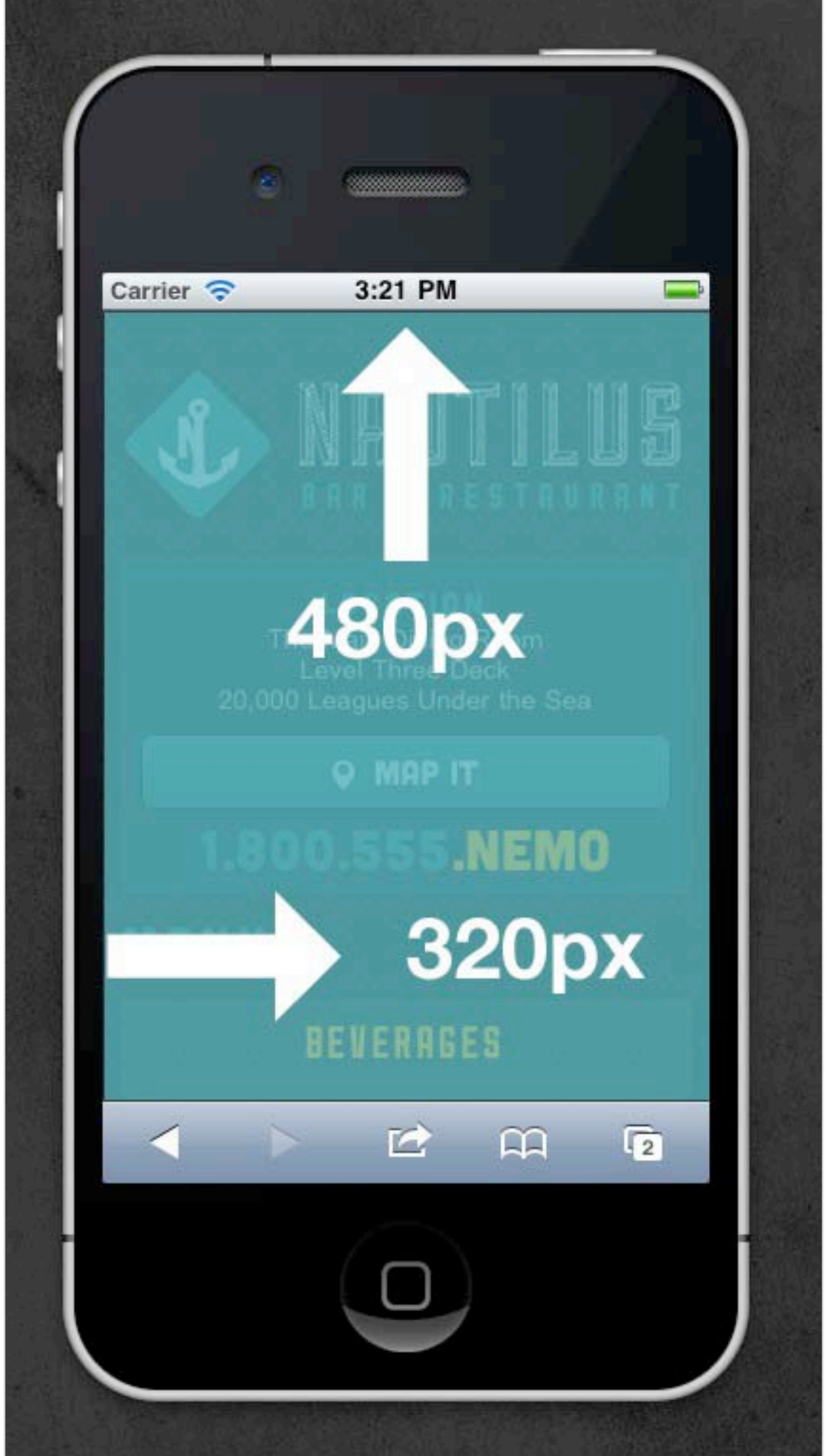
Break Points: where your design breaks down

Typically the height and width of the target viewport

UNDERSTANDING BREAK POINTS

IMG: HTTP://BI11FONS.BLOG.COM/FILES/2011/05/MOBILE3.JPG

JOURNEY INTO MOBILE


Carrier
3:21 PM
480px
MAP IT
1.800.555.NEMO
320px
BEVERAGES

ADAPTIVE WEB DESIGN

1. Adaptive Markup
2. Break Points
3. Media Queries

LEVEL 3

MEDIA QUERIES

```
<link rel="stylesheet" href="global.css" media="all" />

<link rel="stylesheet" href="main.css" media="screen" />

<link rel="stylesheet" href="paper.css" media="print" />
```

```
<link rel="stylesheet" href="mobile.css" media="handheld"/>
```

LEVEL 3

MEDIA QUERIES

Media type

Query

```
@media screen and (max-width: 320px) {
  body {
    font-size: 100%
  }
}
```

MEDIA QUERIES

```
@media screen and (max-width: 320px) {
  body {
    font-size: 100%
  }

}
```

≤ 320px width

LEVEL 3

MEDIA QUERIES

```
@media screen and (min-width: 1024px) {
  body {
    font-size: 100%
  }

}
```

≥ 1024px in width

```
279
280
281  /* ----------------------------------------------------------------------
282     Media Queries
283  ---------------------------------------------------------------------- */
284
285  /* < 480px */
286
287  @media screen and (max-width: 480px) {
288
289    /* ----- Header ----- */
290  h1 {
291    background: url(images/logo_s.png) no-repeat;
292    height: 80px;
293    margin: 0 auto;
294    text-indent: -9999em;
295    width: 295px;
296  }
297  header {
298    border-bottom: none;
299    padding: 0px;
300    position: relative;
301    margin-top: none;
302  }
303  header h3 {margin-bottom: 3px;}
304  header p {line-height: 1.2em;}
305  .logo {
306    float: none;
307    margin: 0 auto;
308    text-align: center;
309  }
310  .location {
311    background-color: #26343e;
312    float: none;
313    margin: 0 auto;
314    margin-top: 20px;
315    padding: 10px;
316    text-align: center;
317  }
318  .addy {
319    float: none;
320    margin-right: 0px;
321    padding-top: 5px;
```

Bottom of your stylesheet

MEDIA QUERIES

```
@media screen and (max-width: 320px) {

}

@media screen and (max-width: 480px) {

}
```

LEVEL 3

MEDIA QUERIES

```
@media screen and (max-width: 480px) {

}
```

Benefit of fluid sites!

JOURNEY INTO MOBILE

LEVEL 3

MEDIA QUERIES: DESKTOP

```
h1 {
  background: url(images/logo.png) no-repeat;
  height: 84px;
  text-indent: -9999em;
  width: 308px;
}

header {
  border-bottom: 15px solid #26343e;
  padding: 25px 0;
}
```

LEVEL 3

MEDIA QUERIES: MOBILE

```
@media screen and (max-width: 480px) {
h1 {
  background: url(images/logo_s.png) no-repeat;
  height: 80px;
  margin: 0 auto;
  text-indent: -9999em;
  width: 295px;
}
header {
  border-bottom: none;
  padding: 0px;
}

}
```

LEVEL 3

Carrier
6:30 PM
NAUTILUS
BAR & RESTAURANT

MEDIA QUERIES: DESKTOP

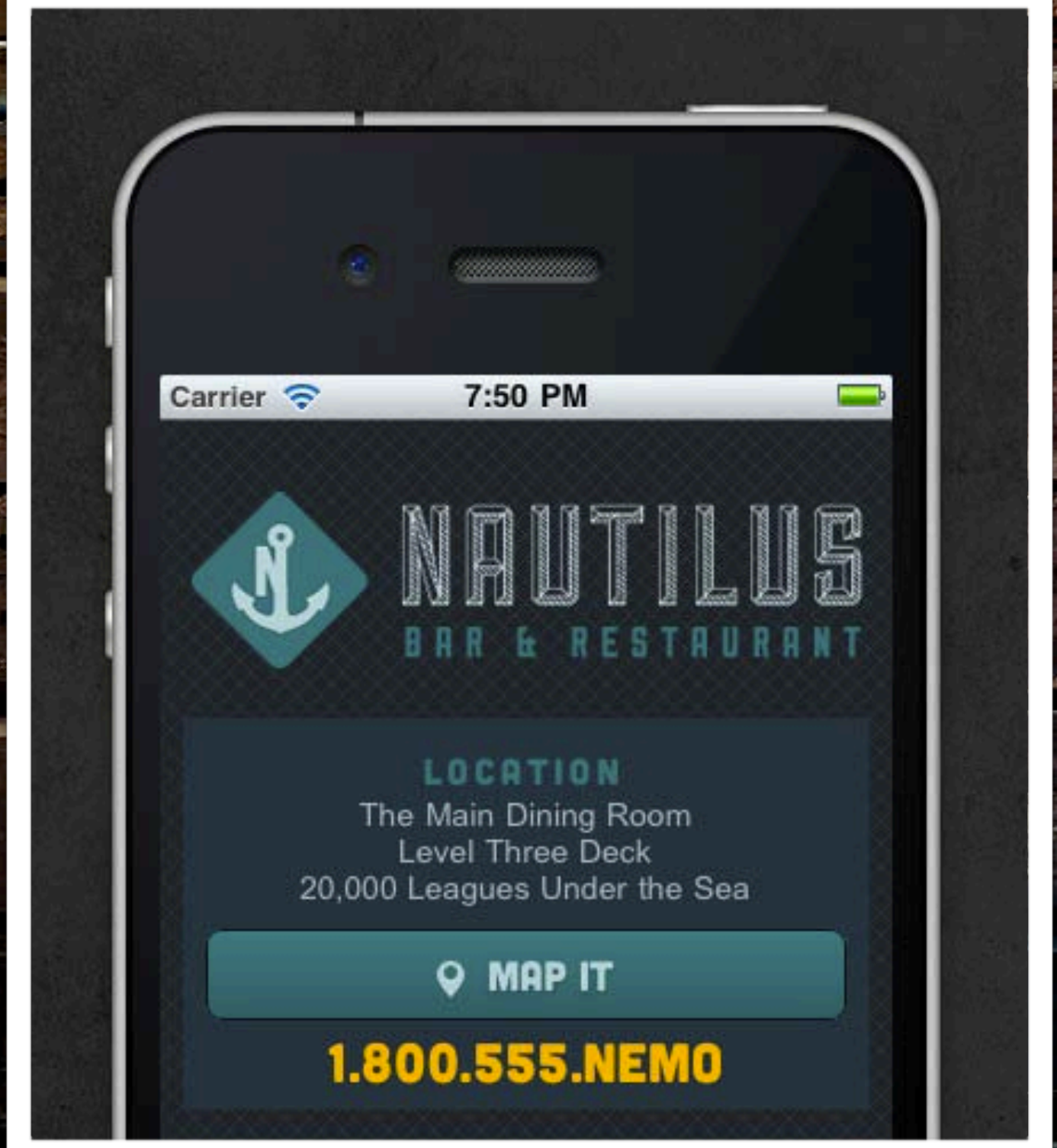
```
.logo {
  float: left;
}
.location {
  float: right;
}
.addy {
  float: left;
}
.mappy {
  float: right;
  text-align: center;
  width: 270px;
}
```

LEVEL 3

MEDIA QUERIES: MOBILE

```
@media screen and (max-width: 480px) {
.logo {
  float: none;
  margin: 0 auto;
  text-align: center;
}
.location {
  background-color: #26343e;
  float: none;
  margin: 0 auto;
  text-align: center;
}
.addy {
  float: none;
}
.mappy {
  float: none;
  width: 100%;
}
```

LEVEL 3

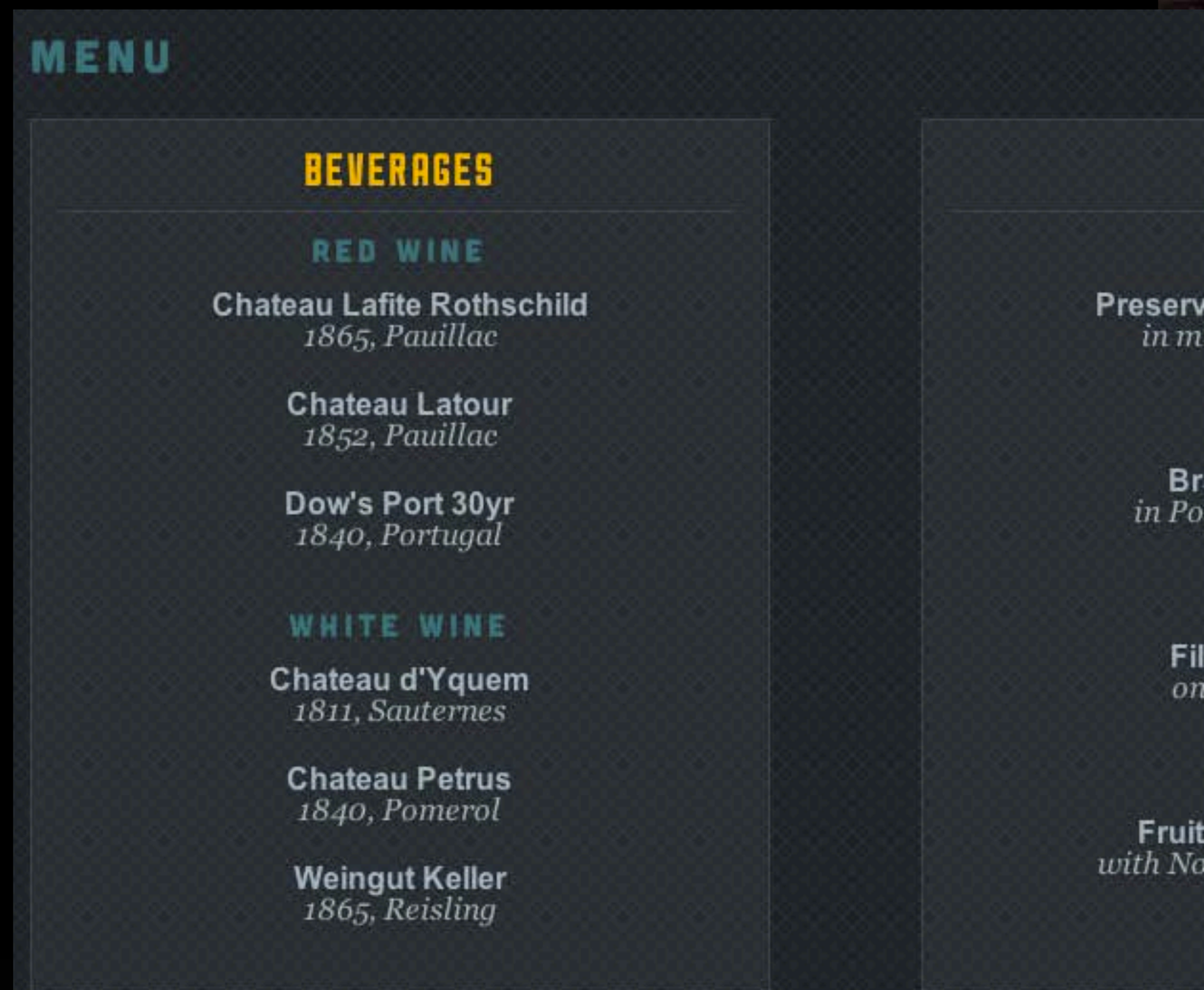

Carrier
7:50 PM
NAUTILUS
BAR & RESTAURANT
LOCATION
The Main Dining Room
Level Three Deck
20,000 Leagues Under the Sea
MAP IT
1.800.555.NEMO

MEDIA QUERIES: DESKTOP

```
.box {
  min-height: 425px;
  width: 41.666667%; /* 400px/960px */
}

/* ----- Beverages ----- */
.beverages {
  float: left;
}

/* ----- Cuisine ----- */
.cuisine {
  float: right;
}
```



MEDIA QUERIES: MOBILE

```
@media screen and (max-width: 480px) {
.box {
  margin: 20px auto;
  min-height: 0px;
  width: inherit;
}

/* ----- Beverages ----- */
.beverages {
  float: none;
}

/* ----- Cuisine ----- */
.cuisine {
  float: none;
}
```

LEVEL 3

Carrier 3:21 PM

MENU

BEVERAGES

RED WINE

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Dow's Port 30yr *1840, Portugal*

WHITE WINE

Chateau d'Yquem *1811, Sauternes*

Chateau Petrus *1840, Pomerol*

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CUISINE

FIRST